Kronos Worldwide Inc.

KRO

NYSE; chemicals; SIC 2810, Industrial Inorganic Chemicals; CIK 0001257640

E

weakest fifth of 331 graded peers in the pooled industrial gro...

rank 272 of 331; percentile 84.5; sampling error 2.7 points; lower is stronger

A B C D E

E, the bear



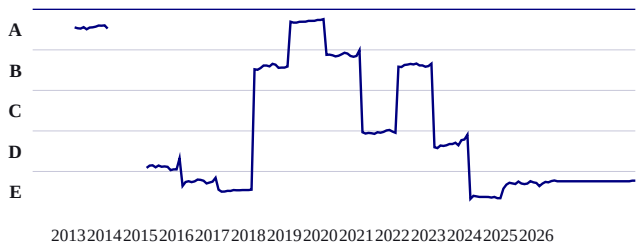
Scoreboard	
Profitability	D percentile 65.1
Solvency	D percentile 66.8
Growth and financing	C/D percentile 61.3
Reliability	0.91 AUC filers with $591M to $2.67B assets; 95% interval 0.88 to 0.94; 160 events, 2020 to 2025
Peer failure rate	1.01% a year Item 1.03 bankruptcies, same asset band, 2012 to 2025
Size band	$591M to $2.67B assets total assets $1.8B
Standard universe	inside revenue above $1M and assets above $10M
Warnings	none triggered not computable: distress
Inputs computable	8 of 14
Graded from	filings received through Mar 9, 2026 229 days before the rescan; latest periodic filing 10-Q received Aug 5, 2026
Last close	$7.82 2026-10-23; market equity $900.1M; no price enters the letter

Share price, twelve months to the rescan



Split-adjusted close. Each lollipop is a rescan and carries the letter held then.

Letter at every rescan, 2012 to 2026



Sector percentile at each rescan, stronger toward the top; facts filed by each date only.

Business, in the company's words

opening of Item 1 of the 10-K received Mar 9, 2026

Kronos Worldwide, Inc. (NYSE: KRO) ("Kronos"), incorporated in Delaware in 1989, is a leading global producer and marketer of value-added titanium dioxide pigments, or TiO2, a base industrial product used in a wide range of applications. We, along with our distributors and agents, sell and provide technical services for our products to approximately 3,000 customers in 100 countries with the majority of our sales in Europe, North America and the Asia Pacific region. We believe we have developed considerable expertise and efficiency in the manufacture, sale, shipment and service of our products in domestic and international markets.

The fourteen inputs

lower percentile is stronger; sleeves and inputs within a sleeve carry equal weight

Input	Value	Peer median	Percentile, 0 to 100	Pct	Peers	Period end
Profitability, sleeve percentile 65.1						
Gross profitability	11.7%	21.3%		78.5	359	2025-12-31
Return on invested capital	not computable	9.5%				

pretax income must exceed the validity floor and imply a 0%-100% tax rate

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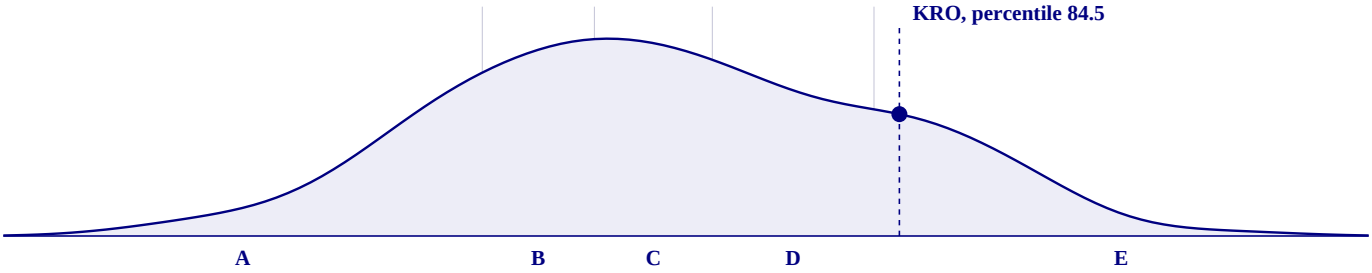
Accruals ratio	(6.1%)	(4.1%)	34.7	399	2025-12-31
Gross margin stability, five years	5.1 pts	2.2 pts	82.0	301	2025-12-31
Solvency, sleeve percentile 66.8					
Twelve-month failure probability	not computable	0.04%			
liabilities and a nearby cover-page share count are required at 2026-06-30					
Altman Z double-prime	not computable	3.41			
one or more required annual facts are missing					
Net debt to EBITDA	21.84x	1.88x	98.7	150	2025-12-31
Interest coverage	not computable	4.16x			
latest aligned inputs end 2023-12-31; latest annual assets end 2025-12-31					
Current ratio	2.70x	2.20x	34.9	422	2025-12-31
Growth and financing, sleeve percentile 61.3					
Revenue growth, three-year compound	(1.2%)	1.3%	61.3	350	2025-12-31
Free cash flow growth, three-year compound	not computable	12.5%			
current FCF must be positive and base FCF must exceed $100,000					
Reinvestment rate	not computable	23.5%			
pretax income must exceed the validity floor and imply a 0%-100% tax rate					
Asset growth, three years	(2.1%)	2.9%	72.8	368	2025-12-31
Net share issuance, one year	0.01%	0.0%	49.8	320	2026-02-27

Among 331 peers

chemicals; letters are fifths of this list



Composite score of every graded peer, smoothed; vertical rules are the letter band edges; stronger to the left.

Rank	Company	Percentile	Letter	Warnings
267	Green Plains Inc. (GPRE)	83.3	E	
268	Millerknoll, Inc. (MLKN)	83.5	E	
269	Hillman Solutions Corp. (HLMN)	83.9	E	
270	Mosaic Co. (MOS)	83.9	E	
271	O-I Glass, Inc. (OI)	84.3	E	
272	Kronos Worldwide Inc. (KRO)	84.5	E	
273	Sifco Industries Inc. (SIF)	84.6	E	fortress balance sheet
274	Clearwater Paper Corp. (CLW)	85.0	E	
275	Avient Corp. (AVNT)	85.2	E	
276	MasterCraft Boat Holdings, Inc. (MCFT)	85.4	E	dilution
277	Stepan Co. (SCL)	85.8	E	

What the price implies

at the 2026-10-23 close; none of these enters the grade

Measure	Value	Peer median	Percentile
Twelve-month price change, skipping the latest month	57.1%	13.8%	83
Distance from 52-week high	(12.2%)	(26.5%)	79
EBIT to enterprise value	(2.5%)	3.9%	17
Free cash flow yield	(4.5%)	3.3%	17

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Book value to price	0.83	0.40	80
Sales to price	2.07	0.55	85
Composite equity issuance, five years	(28.9%)	(9.9%)	13
Relative strength against the sector, log excess return	0.28	(0.02)	82

Diagnostics

shown on every report; none enters the grade

Measure	Value
Piotroski F-score 3 of 9, period end 2025-12-31	
Return on assets above zero	fail
Operating cash flow above zero	pass
Return on assets improved	fail
Operating cash flow exceeds net income	pass
Long-term leverage fell	fail
Current ratio improved	pass
No new shares issued	fail
Gross margin improved	fail
Asset turnover improved	fail
Cash, filings, liquidity	
Cash and equivalents	$26.6M
Operating cash flow, four quarters	$86.2M
Months of runway	not finite
Days since last periodic filing	80 (10-Q received Aug 5, 2026)
Median daily dollar volume, 63 sessions	$2.7M

Sources

every fact behind the inputs; each row links to its filing index on sec.gov

#	Concept	XBRL tag	Value	Period end	Received	Form	Accession
1	gross profit	us-gaap:GrossProfit	$213.0M	2025-12-31	2026-03-09	10-K	26-025219
2	assets	us-gaap:Assets	$1.8B	2025-12-31	2026-03-09	10-K	26-025219
3	operating income	us-gaap:OperatingIncomeLoss	-$36.5M	2025-12-31	2026-03-09	10-K	26-025219
4	pretax income	us-gaap:IncomeLossFromContinuingOperationsBeforeInc...	-$97.4M	2025-12-31	2026-03-09	10-K	26-025219
5	income tax	us-gaap:IncomeTaxExpenseBenefit	$13.5M	2025-12-31	2026-03-09	10-K	26-025219
6	total debt	us-gaap:LongTermDebt	$557.4M	2025-12-31	2026-03-09	10-K	26-025219
7	book equity	us-gaap:StockholdersEquity	$751.1M	2025-12-31	2026-03-09	10-K	26-025219
8	cash	us-gaap:CashAndCashEquivalentsAtCarryingValue	$33.2M	2025-12-31	2026-03-09	10-K	26-025219
9	total debt	us-gaap:LongTermDebt	$507.4M	2024-12-31	2026-03-09	10-K	26-025219
10	book equity	us-gaap:StockholdersEquity	$817.0M	2024-12-31	2026-03-09	10-K	26-025219
11	cash	us-gaap:CashAndCashEquivalentsAtCarryingValue	$106.7M	2024-12-31	2026-03-09	10-K	26-025219
12	net income	us-gaap:NetIncomeLoss	-$110.9M	2025-12-31	2026-03-09	10-K	26-025219
13	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivities	$2.5M	2025-12-31	2026-03-09	10-K	26-025219
14	assets	us-gaap:Assets	$1.9B	2024-12-31	2026-03-09	10-K	26-025219
15	revenue	us-gaap:RevenueFromContractWithCustomerExcludingA...	$1.9B	2025-12-31	2026-03-09	10-K	26-025219
16	gross profit	us-gaap:GrossProfit	$359.3M	2024-12-31	2026-03-09	10-K	26-025219
17	revenue	us-gaap:RevenueFromContractWithCustomerExcludingA...	$1.9B	2024-12-31	2026-03-09	10-K	26-025219
18	gross profit	us-gaap:GrossProfit	$164.9M	2023-12-31	2026-03-09	10-K	26-025219
19	revenue	us-gaap:RevenueFromContractWithCustomerExcludingA...	$1.7B	2023-12-31	2026-03-09	10-K	26-025219
20	gross profit	us-gaap:GrossProfit	$391.1M	2022-12-31	2025-03-06	10-K	25-002395
21	revenue	us-gaap:RevenueFromContractWithCustomerExcludingA...	$1.9B	2022-12-31	2025-03-06	10-K	25-002395
22	gross profit	us-gaap:GrossProfit	$446.2M	2021-12-31	2024-03-06	10-K	24-002607
23	revenue	us-gaap:RevenueFromContractWithCustomerExcludingA...	$1.9B	2021-12-31	2024-03-06	10-K	24-002607
24	depreciation amortization	us-gaap:Depreciation	$60.5M	2025-12-31	2026-03-09	10-K	26-025219
25	operating income	us-gaap:OperatingIncomeLoss	-$56.0M	2023-12-31	2026-03-09	10-K	26-025219
26	interest expense	us-gaap:InterestExpense	$17.1M	2023-12-31	2024-03-06	10-K	24-002607

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27	current assets	us-gaap:AssetsCurrent	$994.5M	2025-12-31	2026-03-09	10-K	26-025219
28	current liabilities	us-gaap:LiabilitiesCurrent	$368.8M	2025-12-31	2026-03-09	10-K	26-025219
29	capital expenditure	us-gaap:PaymentsToAcquirePropertyPlantAndEquipment	$42.9M	2025-12-31	2026-03-09	10-K	26-025219
30	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivities	$72.5M	2024-12-31	2026-03-09	10-K	26-025219
31	capital expenditure	us-gaap:PaymentsToAcquirePropertyPlantAndEquipment	$29.5M	2024-12-31	2026-03-09	10-K	26-025219
32	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivities	$5.5M	2023-12-31	2026-03-09	10-K	26-025219
33	capital expenditure	us-gaap:PaymentsToAcquirePropertyPlantAndEquipment	$47.4M	2023-12-31	2026-03-09	10-K	26-025219
34	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivities	$81.7M	2022-12-31	2025-03-06	10-K	25-002395
35	capital expenditure	us-gaap:PaymentsToAcquirePropertyPlantAndEquipment	$63.2M	2022-12-31	2025-03-06	10-K	25-002395
36	current assets	us-gaap:AssetsCurrent	$1.1B	2024-12-31	2026-03-09	10-K	26-025219
37	current liabilities	us-gaap:LiabilitiesCurrent	$476.6M	2024-12-31	2026-03-09	10-K	26-025219
38	assets	us-gaap:Assets	$1.8B	2023-12-31	2025-03-06	10-K	25-002395
39	assets	us-gaap:Assets	$1.9B	2022-12-31	2024-03-06	10-K	24-002607
40	shares outstanding	dei:EntityCommonStockSharesOutstanding	115,053,116	2026-02-27	2026-03-09	10-K	26-025219
41	shares outstanding	dei:EntityCommonStockSharesOutstanding	115,036,016	2025-02-28	2025-03-06	10-K	25-002395

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